INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 D21C9/08 D21C9/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 $\begin{array}{ll} \mbox{Minimum documentation searched (classification system followed by classification symbols)} \\ \mbox{IPC 7} & \mbox{D21C} \end{array}$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

	ENTS CONSIDERED TO BE RELEVANT		·	
Category *	Citation of document, with indication, where appropriate, of the	relevant passages	Relevant to claim No.	
Υ	DE 34 23 452 A1 (SANDOZ-PATENT- 2 January 1986 (1986-01-02) cited in the application abstract	1–20 1–20		
Y	US 4 363 699 A (DECEUSTER ET AL 14 December 1982 (1982-12-14) cited in the application abstract			
Y	US 4 963 157 A (MACHIDA ET AL) 16 October 1990 (1990-10-16) cited in the application abstract	-/	1-20	
X Furt	her documents are listed in the continuation of box C.	Y Patent family members are listed	in annex.	
"A" docume consid "E" earlier filing of the charto which citatio "O" docume other "P" docume	ent defining the general state of the art which is not lered to be of particular relevance document but published on or after the international late. ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another nor other special reason (as specified) ent referring to an oral disclosure, use, exhibition or means ent published prior to the international filling date but and the priority date claimed	"T" later document published after the into or priority date and not in conflict with cited to understand the principle or the invention. "X" document of particular relevance; the cannot be considered novel or cannot involve an inventive step when the decannot be considered to involve an indocument of particular relevance; the cannot be considered to involve an indocument is combined with one or ments, such combination being obvious in the art. "&" document member of the same paten	h the application but neory underlying the claimed invention of the considered to ocument is taken alone claimed invention nventive step when the lore other such docupous to a person skilled	
	actual completion of the international search	Date of mailing of the international search report		
	3 September 2005	21/09/2005		
wame and r	nalling address of the ISA	Authorized officer		



Intern Pal Application No
PCT/FI2005/000112

		PC1/F12005/000112		
	ntion) DOCUMENTS CONSIDERED TO BE RELEVANT	[Datamates del all		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
Y	PATENT ABSTRACTS OF JAPAN vol. 018, no. 170 (C-1182), 23 March 1994 (1994-03-23) & JP 05 331789 A (MITSUBISHI GAS CHEM CO INC), 14 December 1993 (1993-12-14) abstract	1–20		

INTERNATIONAL SEARCH REPORT

Information on patent family members

Interres nal Application No
PCT/FI2005/000112

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
DE 3423452	A1	02-01-1986	NONE		
US 4363699	Α	14-12-1982	AT	375970 B	25-09-1984
			AT	123877 A	15-02-1984
			AU	497796 B2	11-01-1979
,			AU	2190377 A	10-08-1978
			BE	851685 A1	22-08-1977
			BR	7701120 A	13-12-1977
			CA	1105656 Al	28-07-1981
			CH	637798 A	31-08-1983
			DE	2703876 A1	01-09-1977
			ES	456240 A1	01-10-1978
			FI	770550 A	26-08-1977
			FR	2342365 A1	23-09-1977
•	•		GB	1524013 A	06-09-1978
			IT	1085509 B	28-05-1985
			JP	1280551 C	13-09-1985
			JP	52103386 A	30-08-1977
			JP	60001360 B	14-01-1985
			LU	74434 A1	12-09-1977
			NL	7702052 A	29-08-1977
			PT	66153 A	01-03-1977
		•	SE	434067 B	02-07-1984
			SE	7702049 A	26-08-1977
US 4963157	Α	16-10-1990	NONE		
JP 05331789	A	14-12-1993	 ЈР	3191828 B2	23-07-2001